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Terms	Documents
L3 and L4	5

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<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=PGPB,USPT; PLUR=YES; OP=AND</i>			
<u>L5</u>	l3 and l4	5	<u>L5</u>
<u>L4</u>	l1 with l2	34	<u>L4</u>
<u>L3</u>	(six or 6 or all) adj isoform	199	<u>L3</u>
<u>L2</u>	transgen\$ or (mutant or transgenic or abnormal or knock-in) near6 (mouse or mice)	49606	<u>L2</u>
<u>L1</u>	human near3 tau	287	<u>L1</u>

END OF SEARCH HISTORY

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-
- ☐ 1. [20050009019](#). 22 Dec 03. 13 Jan 05. Tau-opathy model. Van Lueven, Freddy, et al. 435/6; 435/194 435/254.2 435/483 435/69.1 536/23.2 C12Q001/68 C07H021/04 C12N009/12 C12N001/18 C12N015/74.
-
- ☐ 2. [20030115621](#). 21 Aug 02. 19 Jun 03. [Transgenic mice](#) comprising a genomic [human tau transgene](#). Duff, Karen. 800/18; 435/354 A01K067/027 C12N005/06.
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- ☐ 3. [20020010947](#). 22 Jan 01. 24 Jan 02. Transgenic mouse model of human neurodegenerative disease. Gurney, Mark E., et al. 800/12; 800/18 A01K067/027.
-
- ☐ 4. [6953794](#). 28 Mar 02; 11 Oct 05. Inhibition of tau-tau association. Wischik; Claude Michel, et al. 514/224.8; A61K031/54 .
-
- ☐ 5. [6376205](#). 12 Dec 97; 23 Apr 02. Screening methods for agents that modulate or inhibit tau association with tau or map2. Wischik; Claude Michel, et al. 435/7.8; 435/7.1 435/7.92 436/501 436/503 436/504. G01N033/53 .
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Terms	Documents
L3 and L4	5

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[Generate Collection](#)[Print](#)**Search Results - Record(s) 21 through 34 of 34 returned.**

-
- ☐ 21. [20030177510](#). 19 May 03. 18 Sep 03. Model for neurodegenerative disease. Hernandez Perez, Felix, et al. 800/12; 800/14 800/18 A01K067/027.
-
- ☐ 22. [20030171255](#). 12 Aug 02. 11 Sep 03. Compositions and methods for modulation of DARPP-32 phosphorylation. Greengard, Paul, et al. 514/1; 435/7.2 G01N033/53 G01N033/567 A61K031/00.
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- ☐ 23. [20030115621](#). 21 Aug 02. 19 Jun 03. Transgenic mice comprising a genomic human tau transgene. Duff, Karen. 800/18; 435/354 A01K067/027 C12N005/06.
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- ☐ 24. [20020066117](#). 13 Jul 01. 30 May 02. Transgenic animal and methods. Nilsson, Lars, et al. 800/18; 435/354 800/9 A01K067/027 C12N005/06.
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- ☐ 25. [20020065325](#). 15 Aug 01. 30 May 02. Use of CLC3 chloride channel blockers to modulate vascular tone. Lamb, Fred S., et al. 514/651; 514/212.01 514/317 514/428 A61K031/137 A61K031/55 A61K031/445 A61K031/40.
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- ☐ 26. [20020026651](#). 30 Apr 99. 28 Feb 02. PATHOGENIC TAU MUTATIONS. Hutton, Michael L., et al. 800/18; 435/320.1 435/440 435/91.2 536/23.1 536/24.33 800/8 A01K067/027 C07H021/04 C12P019/34 C12N015/74.
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- ☐ 27. [20020010947](#). 22 Jan 01. 24 Jan 02. Transgenic mouse model of human neurodegenerative disease. Gurney, Mark E., et al. 800/12; 800/18 A01K067/027.
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- ☐ 28. [6953794](#). 28 Mar 02; 11 Oct 05. Inhibition of tau-tau association. Wischik; Claude Michel, et al. 514/224.8; A61K031/54 .
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- ☐ 29. [6664443](#). 31 Jul 00; 16 Dec 03. Pathogenic Tau mutations in transgenic mice. Hutton; Michael L., et al. 800/12; 800/14 800/18 800/22 800/3 800/4 800/8 800/9. A01K067/00 A01K067/027 G01N033/00 C12P021/100 C12N015/00 .
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- ☒ 30. [6593512](#). 02 Mar 00; 15 Jul 03. Transgenic mouse expressing human tau gene. Vitek; Michael P., et al. 800/18; 435/320.1 435/325 435/455 435/463 800/12 800/21 800/22 800/3 800/9. G01N033/00 A01K067/00 C12N015/00 C12N015/74 C12N005/00 .
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- ☐ 31. [6475723](#). 30 Apr 99; 05 Nov 02. Pathogenic tau mutations. Hutton; Michael L., et al. 435/6; 435/91.1 435/91.2 536/23.5. C12Q001/68 C12P019/34 C07H021/04 .
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- ☐ 32. [6444870](#). 16 Dec 98; 03 Sep 02. Methods for assessing the role of calcineurin immunosuppression and neurotoxicity. Zhang; Wei, et al. 800/3; 435/320.1 435/325 435/455 435/463 800/18 800/25. A01K067/027 G01N033/00 C12N015/00 C12N015/63 C12N015/85 .
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- ☐ 33. [6376205](#). 12 Dec 97; 23 Apr 02. Screening methods for agents that modulate or inhibit tau association with tau or map2. Wischik; Claude Michel, et al. 435/7.8; 435/7.1 435/7.92 436/501 436/503 436/504. G01N033/53 .
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- ☐ 34. [5602299](#). 23 Sep 92; 11 Feb 97. Transgenic animal models for neurodegenerative disease.

Lazzarini; Robert A.. 800/12; 435/320.1 536/23.5 800/18 800/9. A01K067/00 C12N015/00 .

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Terms	Documents
L1 with L2	34

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=> d his

(FILE 'HOME' ENTERED AT 18:34:06 ON 27 MAR 2006)

FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH, LIFESCI' ENTERED AT 18:34:23 ON 27 MAR 2006

L1 3435 S HUMAN(3A)TAU
L2 457912 S TRANSGEN? OR (MUTANT OR TRANSGENIC OR ABNORMAL OR KNOCK-IN) (6
L3 385 S L1(10A)L2
L4 2180 S (SIX OR ALL) (W) ISOFORM
L5 8 S L3 AND L4
L6 3 DUP REM L5 (5 DUPLICATES REMOVED)
L7 354 S L1(5A)L2
L8 167 DUP REM L7 (187 DUPLICATES REMOVED)

=> d bib ab 1-3 l6

L6 ANSWER 1 OF 3 MEDLINE on STN DUPLICATE 1
AN 2002362566 MEDLINE
DN PubMed ID: 12112845
TI Proteomics analysis of the neurodegeneration in the brain of tau transgenic mice.
AU Tilleman Kelly; Van den Haute Chris; Geerts Hugo; van Leuven Fred; Esmans Eddy L; Moens Luc
CS Department of Biochemistry, University of Antwerp, Antwerp, Belgium.
SO Proteomics, (2002 Jun) Vol. 2, No. 6, pp. 656-65.
Journal code: 101092707. ISSN: 1615-9853.
CY Germany: Germany, Federal Republic of
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200301
ED Entered STN: 20020712
Last Updated on STN: 20030103
Entered Medline: 20030102
AB Protein tau, a major microtubule-binding protein in the brain, comprises **six isoforms** generated through alternative mRNA splicing. A dysfunctional form of mutant and normal tau is associated or implicated in the pathogenesis of several neurodegenerative disorders. The neuropathological hallmark of these tauopathies are intraneuronal depositions of fibrillary aggregates of which neurofibrillary tangles are most common. Several distinct transgene mouse models confirmed that tau protein can cause neurodegeneration directly. This study was aimed at identifying proteins that might play a role in the cellular disturbances caused by overexpression of the longest isoform of **human tau** in the brain of **transgenic mice**. We found 34 proteins which differed in integrated intensity by a factor of at least 1.5. These proteins could be sorted into several categories. Some of the phenotypic characteristics found in the htau transgenic mice could be related to proteins found in this study. Several proteins are linked to processes involving apoptosis and neuronal death and have been discussed in papers describing neurodegenerative disorders.

L6 ANSWER 2 OF 3 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
AN 2001:532638 BIOSIS
DN PREV200100532638
TI Characterization of a mouse line that expresses only the human isoforms of tau.
AU Andorfer, C. [Reprint author]; Duff, K.; Tucker, K. L.; Barde, Y.; Davies, P. [Reprint author]
CS Neuroscience, AECOM, Bronx, NY, USA
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 1142.
print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San

Diego, California, USA. November 10-15, 2001.

ISSN: 0190-5295.

DT Conference; (Meeting)

Conference; Abstract; (Meeting Abstract)

LA English

ED Entered STN: 14 Nov 2001

Last Updated on STN: 23 Feb 2002

AB Tau is a microtubule associated protein (MAP) that is enriched in neurons. There are **six isoforms** of tau in human brain that are produced by alternative splicing of a single gene. The microtubule binding domain of tau is composed of either three or four variable repeats (3R or 4R) depending on the presence or absence of exon ten. Tau in adult mouse is exclusively 4R, whereas tau in normal human brain is a balance of 3R and 4R. The ratio of 3R to 4R is shifted in some neurodegenerative diseases, including Fronto-Temporal Dementia and Parkinsonism linked to Chromosome 17. We have generated a **transgenic mouse** line that expresses only the **human** isoforms of **tau** by mating a mouse that expresses **all isoforms** of human tau (8c), in addition to mouse tau, with a knockout mouse that does not express mouse tau. We are currently examining the ratios of 3R:4R in these mice. Initial evidence shows somatodendritic staining of some neurons with MC-1, an antibody specific for tau in an abnormal conformation. The previously published 8c mouse also shows reactivity with MC-1, but staining is diffuse and limited to axons. Changes in tau distribution from axonal to somatodendritic are one of the early features of the tauopathy associated with Alzheimer's disease. Therefore, this newly generated mouse line, which expresses only the human isoforms of tau, may be a useful tool in understanding tau's contribution to neurodegeneration, as well as its normal biology.

L6 ANSWER 3 OF 3 MEDLINE on STN

DUPLICATE 2

AN 2000247465 MEDLINE

DN PubMed ID: 10783293

TI Characterization of pathology in **transgenic mice** over-expressing **human** genomic and cDNA **tau** **transgenes**.

AU Duff K; Knight H; Refolo L M; Sanders S; Yu X; Picciano M; Malester B; Hutton M; Adamson J; Goedert M; Burki K; Davies P

CS Center for Dementia Research, Nathan Kline Institute, Orangeburg, New York 10962, USA.

NC AG-146133 (NIA)

AG17216 (NIA)

NS 37143-01 (NINDS)

+

SO Neurobiology of disease, (2000 Apr) Vol. 7, No. 2, pp. 87-98.

Journal code: 9500169. ISSN: 0969-9961.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200006

ED Entered STN: 20000616

Last Updated on STN: 20000616

Entered Medline: 20000602

AB To examine the normal cellular function of tau and its role in pathogenesis, we have created transgenic mice that overexpress a tau transgene derived from a human PAC that contains the coding sequence, intronic regions, and regulatory regions of the human gene. All **six isoforms** of **human tau** are represented in the **transgenic mouse** brain at the mRNA and protein level and the **human tau** is distributed in neurites and at synapses, but is absent from cell bodies. A comparison between the genomic tau mice and mice that overexpress a tau cDNA transgene shows that overall, the distribution of tau is similar in the

two lines, but human tau is located in the somatodendritic compartment of many neurons in the cDNA mice. Tau-immunoreactive axonal swellings were found in the spinal cords of the cDNA mice, which correlated with a hind-limb abnormality, whereas neuropathology was essentially normal in the genomic mice up to 8 months of age.
Copyright 2000 Academic Press.

=> d au ti so 100-130 l8

- L8 ANSWER 100 OF 167 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 AU Higuchi, Makoto; Ishihara, Takeshi; Zhang, Bin; Hong, Ming; Andreadis, Athena; Trojanowski, John Q.; Lee, Virginia M.-Y. [Reprint author]
 TI Transgenic mouse model of tauopathies with glial pathology and nervous system degeneration.
 SO Neuron, (August 1, 2002) Vol. 35, No. 3, pp. 433-446. print.
 ISSN: 0896-6273.
- L8 ANSWER 101 OF 167 SCISEARCH COPYRIGHT (c) 2006 The Thomson Corporation on STN
 AU van Herpen E (Reprint); Severijnen L A; Brandt R; Heutink P
 TI Observations in **transgenic mice** expressing **human** wildtype **tau** and several mutations causing frontotemporal dementia in humans
 SO NEUROBIOLOGY OF AGING, (JUL-AUG 2002) Vol. 23, No. 1, Supp. [1], pp. S252-S252. MA 944.
 ISSN: 0197-4580.
- L8 ANSWER 102 OF 167 SCISEARCH COPYRIGHT (c) 2006 The Thomson Corporation on STN
 AU Tatebayashi Y (Reprint); Miyasaka T; Chui D H; Tanemura K; Takashima A; Akagi T; Rivid R
 TI Tau filament formation and associative memory deficit in aged **mice** expressing **mutant** (R406W) **human tau**
 SO NEUROBIOLOGY OF AGING, (JUL-AUG 2002) Vol. 23, No. 1, Supp. [1], pp. S236-S236. MA 884.
 ISSN: 0197-4580.
- L8 ANSWER 103 OF 167 MEDLINE on STN DUPLICATE 37
 AU Tanemura Kentaro; Murayama Miyuki; Akagi Takumi; Hashikawa Tsutomu; Tominaga Takashi; Ichikawa Michinori; Yamaguchi Haruyasu; Takashima Akihiko
 TI Neurodegeneration with tau accumulation in a **transgenic mouse** expressing V337M **human tau**.
 SO The Journal of neuroscience: the official journal of the Society for Neuroscience, (2002 Jan 1) Vol. 22, No. 1, pp. 133-41.
 Journal code: 8102140. E-ISSN: 1529-2401.
- L8 ANSWER 104 OF 167 MEDLINE on STN DUPLICATE 38
 AU Higuchi Makoto; Lee Virginia M Y; Trojanowski John Q
 TI Tau and axonopathy in neurodegenerative disorders.
 SO Neuromolecular medicine, (2002) Vol. 2, No. 2, pp. 131-50. Ref: 225
 Journal code: 101135365. ISSN: 1535-1084.
- L8 ANSWER 105 OF 167 CAPLUS COPYRIGHT 2006 ACS on STN
 AU Tanemura, Kentaro; Takashima, Akihiko
 TI Transgenic mice of tau protein
 SO Dementia Japan (2002), 16(1), 66-72
 CODEN: DEJAFB; ISSN: 1342-646X
- L8 ANSWER 106 OF 167 MEDLINE on STN DUPLICATE 39
 AU Nuydens R; Van Den Kieboom G; Nolten C; Verhulst C; Van Osta P; Spittaels K; Van den Haute C; De Feyter E; Geerts H; Van Leuven F

TI Coexpression of GSK-3beta corrects phenotypic aberrations of dorsal root ganglion cells, cultured from adult **transgenic mice** overexpressing **human protein tau**.
 SO Neurobiology of disease, (2002 Feb) Vol. 9, No. 1, pp. 38-48. Journal code: 9500169. ISSN: 0969-9961.

L8 ANSWER 107 OF 167 MEDLINE on STN DUPLICATE 40
 AU Boutajangout A; Leroy K; Touchet N; Authelet M; Blanchard V; Tremp G; Pradier L; Brion J P
 TI Increased tau phosphorylation but absence of formation of neurofibrillary tangles in **mice double transgenic for human tau** and Alzheimer mutant (M146L) presenilin-1.
 SO Neuroscience letters, (2002 Jan 18) Vol. 318, No. 1, pp. 29-33. Journal code: 7600130. ISSN: 0304-3940.

L8 ANSWER 108 OF 167 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 AU Zehr, C. [Reprint Author]; Lewis, L. [Reprint Author]; McGowan, E. [Reprint Author]; Crook, J. [Reprint Author]; Godwin, K. [Reprint Author]; Knight, J. [Reprint Author]; Dickson, D. [Reprint Author]; Hutton, M. [Reprint Author]
 TI MECHANISMS OF CELL DEATH IN TAU P301L TRANSGENIC MICE.
 SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 592.12. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.

L8 ANSWER 109 OF 167 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 AU Klein, R. L. [Reprint Author]; Lewis, J.; Hutton, M.; Lin, W. L.; Dickson, D. W.; Meyer, E. M.; King, M. A. [Reprint Author]
 TI MODELING NEUROFIBRILLARY PATHOLOGY WITH A VIRAL VECTOR APPROACH.
 SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 591.20. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.

L8 ANSWER 110 OF 167 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 AU Sahara, N. [Reprint Author]; Ishizawa, T. [Reprint Author]; Lewis, J. [Reprint Author]; McGowan, E. [Reprint Author]; Hutton, M. [Reprint Author]; Ishiguro, K.; Dickson, D. W. [Reprint Author]; Yen, S. H. [Reprint Author]
 TI SEQUESTRATION OF GLYCOGEN SYNTHASE KINASE - LIKE PHOSPHOPROTEINS IN TAU INCLUSIONS FORMED IN TAU/APP TRANSGENIC MICE.
 SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 522.8. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.

L8 ANSWER 111 OF 167 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 AU Lewis, J. [Reprint Author]; McGowan, E. [Reprint Author]; Zehr, C. [Reprint Author]; Melrose, H. [Reprint Author]; Knight, J. [Reprint Author]; Lin, W. -L. [Reprint Author]; Dickson, D. W. [Reprint Author]; Hutton, M. [Reprint Author]; et al
 TI MOTOR DEFICITS, NEUROFIBRILLARY TANGLES, NEURODEGENERATION, AND TAU EXPRESSION IN P301L TAU TRANSGENIC MICE.
 SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 522.7. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.

L8 ANSWER 112 OF 167 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on

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- AU Echeverria, V. [Reprint Author]; Dowd, E. [Reprint Author]; Alhonen, L.; Duff, K.; Ducantzeiler, A. [Reprint Author]; Grant, S. [Reprint Author]; Szyf, M. [Reprint Author]; Wandossel, F.; Avila, J.; Cuello, A. C. [Reprint Author]
- TI A RAT **TRANSGENIC** MODEL OVER EXPRESSING INTRANEURONAL **HUMAN** ABETA PEPTIDE SHOWS **TAU** HYPERPHOSPHORYLATION AND MAPK ACTIVATION.
- SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 522.3. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
- L8 ANSWER 113 OF 167 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
- AU Frautschy, S. A. [Reprint Author]; Harris-White, M. E. [Reprint Author]; Yang, F. [Reprint Author]; Lim, G. P. [Reprint Author]; Kim, P. [Reprint Author]; Hu, W. [Reprint Author]; Cole, G. M. [Reprint Author]; Navas, P. A.; Poorkaj, P.; Schellenberg, G. D.
- TI EFFECTS OF SOLUBLE beta - AMYLOID (Abeta) ON TAU PATHOLOGY AND NEURODEGENERATION IN P301L AND WILD - TYPE (WT) **HUMAN TAU TRANSGENIC MICE**.
- SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 522.4. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
- L8 ANSWER 114 OF 167 .CAPLUS COPYRIGHT 2006 ACS on STN
- IN Takashima, Akihiko
- TI **Transgenic mice** expressing V337M mutant **human Tau** protein as neurodegenerative disease model and use in drug screening
- SO PCT Int. Appl., 34 pp.
CODEN: PIXXD2
- L8 ANSWER 115 OF 167 CAPLUS COPYRIGHT 2006 ACS on STN
- IN Duff, Karen
- TI **Transgenic mice** comprising a genomic **human tau transgene**
- SO PCT Int. Appl., 38 pp.
CODEN: PIXXD2
- L8 ANSWER 116 OF 167 CAPLUS COPYRIGHT 2006 ACS on STN
- IN Gurney, Mark E.; Abraham, Irene
- TI **Transgenic mouse** expressing the **human tau**. protein gene as a model of human neurodegenerative disease
- SO PCT Int. Appl., 43 pp.
CODEN: PIXXD2
- L8 ANSWER 117 OF 167 CAPLUS COPYRIGHT 2006 ACS on STN
- IN Geerts, Hugo Alfons Gabriel; Spittaels, Koenraad Frederic Florentina; Van Den Haute, Chris; Van Leuven, Freddy Kamiel
- TI **Transgenic animals** expressing modulating **human Tau** protein gene as models for neurodegenerative disease such as Alzheimers
- SO PCT Int. Appl., 86 pp.
CODEN: PIXXD2
- L8 ANSWER 118 OF 167 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
- AU Ishihara, Takeshi [Reprint author]; Hong, Ming [Reprint author]; Zhang, Bin [Reprint author]; Trojanowski, John Q. [Reprint author]; Lee, Virginia M.-Y. [Reprint author]
- TI **Transgenic mice** overexpressing the shortest

human tau isoform develop a progressive tauopathy.

- SO Tanaka, Chikako; McGeer, Patrick L.; Ihara, Yasuo. (2001) pp. 61-69.
Neuroscientific basis of dementia. print.
Publisher: Birkhaeuser Boston, 675 Massachusetts Avenue, Cambridge, MA,
02139, USA; Birkhaeuser Publishing Ltd., CH-4010, Basel, Switzerland.
ISBN: 3-7643-6205-7 (cloth).
- L8 ANSWER 119 OF 167 MEDLINE on STN DUPLICATE 41
AU Ishihara T; Higuchi M; Zhang B; Yoshiyama Y; Hong M; Trojanowski J Q; Lee
V M
TI Attenuated neurodegenerative disease phenotype in tau transgenic mouse
lacking neurofilaments.
SO The Journal of neuroscience : the official journal of the Society for
Neuroscience, (2001 Aug 15) Vol. 21, No. 16, pp. 6026-35.
Journal code: 8102140. E-ISSN: 1529-2401.
- L8 ANSWER 120 OF 167 MEDLINE on STN DUPLICATE 42
AU Gotz J; Nitsch R M
TI Compartmentalized tau hyperphosphorylation and increased levels of kinases
in transgenic mice.
SO Neuroreport, (2001 Jul 3) Vol. 12, No. 9, pp. 2007-16.
Journal code: 9100935. ISSN: 0959-4965.
- L8 ANSWER 121 OF 167 CAPLUS COPYRIGHT 2006 ACS on STN
AU Goetz, J.; Chen, F.; van Dorpe, J.; Nitsch, R. M.
TI Formation of neurofibrillary tangles in P301L tau transgenic mice induced
by Aβ42 fibrils
SO Science (Washington, DC, United States) (2001), 293(5534), 1491-1495
CODEN: SCIEAS; ISSN: 0036-8075
- L8 ANSWER 122 OF 167 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on
STN
AU Rapoport, M. [Reprint author]; Dawson, H. N.; Binder, L. I.; Vitek, M. P.;
Ferreira, A. [Reprint author]
TI Tau is essential to beta amyloid-induced neurotoxicity.
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 1438.
print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San
Diego, California, USA. November 10-15, 2001.
ISSN: 0190-5295.
- L8 ANSWER 123 OF 167 MEDLINE on STN DUPLICATE 43
AU Dawson H N; Ferreira A; Eyster M V; Ghoshal N; Binder L I; Vitek M P
TI Inhibition of neuronal maturation in primary hippocampal neurons from tau
deficient mice.
SO Journal of cell science, (2001 Mar) Vol. 114, No. Pt 6, pp. 1179-87.
Journal code: 0052457. ISSN: 0021-9533.
- L8 ANSWER 124 OF 167 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on
STN
AU Andorfer, C. [Reprint author]; Duff, K.; Tucker, K. L.; Barde, Y.; Davies,
P. [Reprint author]
TI Characterization of a mouse line that expresses only the human isoforms of
tau.
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 1142.
print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San
Diego, California, USA. November 10-15, 2001.
ISSN: 0190-5295.
- L8 ANSWER 125 OF 167 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on
STN
AU Chen, F. [Reprint author]; Gotz, J. [Reprint author]; Farber, S. A.;
Nitsch, R. M. [Reprint author]

- TI Abeta42 fibrils induce the formation of neurofibrillary tangles in P301L tau transgenic mice.
- SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 1137. print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001.
ISSN: 0190-5295.
- L8 ANSWER 126 OF 167 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
- AU Takashima, A. [Reprint author]; Tanemura, K. [Reprint author]; Murayama, M. [Reprint author]; Akagi, T.; Hashikawa, T.; Tominaga, T.; Ichikawa, M.
- TI Mechanism of neurodegeneration through tau accumulation in **transgenic mouse** expressing **human tau**
- SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 1131. print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001.
ISSN: 0190-5295.
- L8 ANSWER 127 OF 167 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
- AU Ishihara, T. [Reprint author]; Higuchi, M. [Reprint author]; Zhang, B. [Reprint author]; Yoshiyama, Y. [Reprint author]; Hong, M. [Reprint author]; Trojanowski, J. Q. [Reprint author]; Lee, V. M. Y. [Reprint author]
- TI Attenuated neurodegenerative disease phenotype in tau transgenic mouse lacking neurofilaments.
- SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 1130. print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001.
ISSN: 0190-5295.
- L8 ANSWER 128 OF 167 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
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- TI Ultrastructural study of degenerating neurons in **transgenic mice** expressing V337M **human tau**.
- SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 1130. print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001.
ISSN: 0190-5295.
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- TI GSK-3beta reduces the phenotypic changes in dorsal root ganglion cultures from adult tau transgenic animals.
- SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 1130. print.
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ISSN: 0190-5295.
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- AU Higuchi, M. [Reprint author]; Ishihara, T. [Reprint author]; Zhang, B.

[Reprint author]; Yoshiyama, Y. [Reprint author]; Hong, M. [Reprint author]; Andreadis, A.; Trojanowski, J. Q. [Reprint author]; Lee, V. M. Y. [Reprint author]

TI Glial tauopathy and gliodegeneration in tau transgenic mouse.
 SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 1129.
 print.
 Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001.
 ISSN: 0190-5295.

=> d au ti so pi 115-117 l8

L8 ANSWER 115 OF 167 CAPLUS COPYRIGHT 2006 ACS on STN

IN Duff, Karen

TI **Transgenic mice** comprising a genomic **human tau transgene**

SO PCT Int. Appl., 38 pp.

CODEN: PIXXD2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001065252	A1	20010907	WO 2001-US6412	20010228
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 2001041849	A5	20010912	AU 2001-41849	20010228
US 2003115621	A1	20030619	US 2002-226089	20020821

L8 ANSWER 116 OF 167 CAPLUS COPYRIGHT 2006 ACS on STN

IN Gurney, Mark E.; Abraham, Irene

TI **Transgenic mouse** expressing the **human tau**. protein gene as a model of human neurodegenerative disease

SO PCT Int. Appl., 43 pp.

CODEN: PIXXD2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001053340	A2	20010726	WO 2001-US1740	20010119
WO 2001053340	A3	20020221		
WO 2001053340	C2	20030116		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 2001029619	A5	20010731	AU 2001-29619	20010119
EP 1248518	A2	20021016	EP 2001-942639	20010119
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2002010947	A1	20020124	US 2001-767088	20010122

L8 ANSWER 117 OF 167 CAPLUS COPYRIGHT 2006 ACS on STN

IN Geerts, Hugo Alfons Gabriel; Spittaels, Koenraad Frederic Florentina; Van Den Haute, Chris; Van Leuven, Freddy Kamiel

TI **Transgenic animals** expressing modulating **human**

**Tau protein gene as models for neurodegenerative disease such as
Alzheimers**

SO PCT Int. Appl., 86 pp.

CODEN: PIXXD2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001002552	A2	20010111	WO 2000-EP6171	20000630
	WO 2001002552	A3	20011220		
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2372742	AA	20010111	CA 2000-2372742	20000630
	AU 2000062673	A5	20010122	AU 2000-62673	20000630
	AU 782281	B2	20050714		
	EP 1216297	A2	20020626	EP 2000-949241	20000630
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
	JP 2003504015	T2	20030204	JP 2001-508325	20000630
	NZ 515956	A	20040430	NZ 2000-515956	20000630
	ZA 2001010477	A	20030730	ZA 2001-10477	20011220
	NO 2002000010	A	20020102	NO 2002-10	20020102

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AU Dawson, H. N. [Reprint author]; Eyster, M. V. [Reprint author]; Schmechel, D. E. [Reprint author]; Vitek, M. P. [Reprint author]

TI **Tau deficient mice overexpressing human mutant APP670,671 display extensive neuritic dystrophy.**

SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 1129. print.

Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001. ISSN: 0190-5295.

L8 ANSWER 132 OF 167 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN

AU Zhang, B. [Reprint author]; Higuchi, M. [Reprint author]; Yoshiyama, Y. [Reprint author]; Ishihara, T. [Reprint author]; Hong, M. [Reprint author]; Trojanowski, J. Q. [Reprint author]; Lee, V. M. Y. [Reprint author]

TI Retarded axonal tau transport in the tau transgenic mice with R406W mutation: Probable mechanism of Tauopathy.

SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 1129. print.

Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001. ISSN: 0190-5295.

L8 ANSWER 133 OF 167 MEDLINE on STN DUPLICATE 44

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TI Formation of filamentous tau aggregations in **transgenic mice expressing V337M human tau.**

SO Neurobiology of disease, (2001 Dec) Vol. 8, No. 6, pp. 1036-45.

Journal code: 9500169. ISSN: 0969-9961.

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TI Tau pathogenesis: Impact of Abeta and phosphorylation.
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AU Ikeda, M. [Reprint author]; Kawarai, T.; Harigaya, Y. [Reprint author]; Kawarabayashi, T. [Reprint author]; Matsubara, E.; Okamoto, K. [Reprint author]; Sasaki, A.; Davies, P.; Chishti, A.; Westaway, D.; St. George-Hyslop, P.; Shoji, M.
TI Memory loss and parkinsonism with severe tauopathy in the fronto-temporal lobe of **transgenic mice** expressing R406W **mutant human tau**.
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 923. print. Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001. ISSN: 0190-5295.
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AU Tatebayashi, Y. [Reprint author]; Tanemura, K. [Reprint author]; Miyasaka, T. [Reprint author]; Murayama, M. [Reprint author]; Takashima, A. [Reprint author]
TI Mechanism of neurodegeneration in **transgenic mice** expressing r406w **human tau**: Involvement of endogenous mouse tau and phosphorylation by glycogen synthase kinase-3beta.
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 922. print. Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001. ISSN: 0190-5295.
- L8 ANSWER 137 OF 167 MEDLINE on STN DUPLICATE 45
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TI FTDP-17 mutations in tau transgenic mice provoke lysosomal abnormalities and Tau filaments in forebrain.
SO Molecular and cellular neurosciences, (2001 Dec) Vol. 18, No. 6, pp. 702-14.
Journal code: 9100095. ISSN: 1044-7431.
- L8 ANSWER 138 OF 167 MEDLINE on STN DUPLICATE 46
AU Ishihara T; Zhang B; Higuchi M; Yoshiyama Y; Trojanowski J Q; Lee V M
TI Age-dependent induction of congophilic neurofibrillary tau inclusions in tau transgenic mice.
SO The American journal of pathology, (2001 Feb) Vol. 158, No. 2, pp. 555-62. Journal code: 0370502. ISSN: 0002-9440.
- L8 ANSWER 139 OF 167 MEDLINE on STN DUPLICATE 47
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TI Tau filament formation in transgenic mice expressing P301L tau.
SO The Journal of biological chemistry, (2001 Jan 5) Vol. 276, No. 1, pp. 529-34.
Journal code: 2985121R. ISSN: 0021-9258.
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AU Yoshiyama Y; Lee V M; Trojanowski J Q

TI Frontotemporal dementia and tauopathy.
 SO Current neurology and neuroscience reports, (2001 Sep) Vol. 1, No. 5, pp. 413-21. Ref: 50
 Journal code: 100931790. ISSN: 1528-4042.

L8 ANSWER 141 OF 167 CAPLUS COPYRIGHT 2006 ACS on STN
 AU Gotz, J.
 TI Tau and transgenic animal models
 SO Brain Research Reviews (2001), 35(3), 266-286
 CODEN: BRERD2; ISSN: 0165-0173

L8 ANSWER 142 OF 167 MEDLINE on STN DUPLICATE 48
 AU Brion J P; Anderton B H; Authelet M; Dayanandan R; Leroy K; Lovestone S; Octave J N; Pradier L; Touchet N; Tremp G
 TI Neurofibrillary tangles and tau phosphorylation.
 SO Biochemical Society symposium, (2001) No. 67, pp. 81-8.
 Journal code: 7506896. ISSN: 0067-8694.

L8 ANSWER 143 OF 167 MEDLINE on STN DUPLICATE 49
 AU Gotz J; Tolnay M; Barmettler R; Ferrari A; Burki K; Goedert M; Probst A; Nitsch R M
 TI **Human tau transgenic mice.** Towards an **animal** model for neuro- and glialfibrillary lesion formation.
 SO Advances in experimental medicine and biology, (2001) Vol. 487, pp. 71-83.
 Journal code: 0121103. ISSN: 0065-2598.

L8 ANSWER 144 OF 167 MEDLINE on STN DUPLICATE 50
 AU Lee V M; Trojanowski J Q
 TI Transgenic mouse models of tauopathies: prospects for animal models of Pick's disease.
 SO Neurology, (2001 Jun) Vol. 56, No. 11 Suppl 4, pp. S26-30. Ref: 25
 Journal code: 0401060. ISSN: 0028-3878.

L8 ANSWER 145 OF 167 CAPLUS COPYRIGHT 2006 ACS on STN
 IN Richardson, Jill Caroline; Rupniak, Herman Thomas Rene
 TI Transgenic animal model for Alzheimer's disease
 SO Eur. Pat. Appl., 19 pp.
 CODEN: EPXXDW

L8 ANSWER 146 OF 167 MEDLINE on STN DUPLICATE 51
 AU Spittaels K; Van den Haute C; Van Dorpe J; Geerts H; Mercken M; Bruynseels K; Lasrado R; Vandezande K; Laenen I; Boon T; Van Lint J; Vandenheede J; Moechars D; Loos R; Van Leuven F
 TI Glycogen synthase kinase-3beta phosphorylates protein tau and rescues the axonopathy in the central nervous system of **human** four-repeat **tau transgenic mice**.
 SO The Journal of biological chemistry, (2000 Dec 29) Vol. 275, No. 52, pp. 41340-9.
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 TI Modeling Alzheimer's disease in transgenic mice: effect of age and of presenilin1 on amyloid biochemistry and pathology in APP/London mice.
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 Journal code: 0047061. ISSN: 0531-5565.

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 AU Probst A; Gotz J; Wiederhold K H; Tolnay M; Mistl C; Jaton A L; Hong M; Ishihara T; Lee V M; Trojanowski J Q; Jakes R; Crowther R A; Spillantini M G; Burki K; Goedert M
 TI Axonopathy and amyotrophy in **mice transgenic** for

human four-repeat tau protein.

SO Acta neuropathologica, (2000 May) Vol. 99, No. 5, pp. 469-81.
Journal code: 0412041. ISSN: 0001-6322.

L8 ANSWER 149 OF 167 MEDLINE on STN DUPLICATE 54
AU Lewis J; McGowan E; Rockwood J; Melrose H; Nacharaju P; Van Slegtenhorst
M; Gwinn-Hardy K; Paul Murphy M; Baker M; Yu X; Duff K; Hardy J; Corral A;
Lin W L; Yen S H; Dickson D W; Davies P; Hutton M
TI Neurofibrillary tangles, amyotrophy and progressive motor disturbance in
mice expressing mutant (P301L) tau protein.
SO Nature genetics, (2000 Aug) Vol. 25, No. 4, pp. 402-5.
Journal code: 9216904. ISSN: 1061-4036.

L8 ANSWER 150 OF 167 MEDLINE on STN DUPLICATE 55
AU Gotz J; Barmettler R; Ferrari A; Goedert M; Probst A; Nitsch R M
TI In vivo analysis of wild-type and FTDP-17 tau transgenic mice.
SO Annals of the New York Academy of Sciences, (2000) Vol. 920, pp. 126-33.
Ref: 24
Journal code: 7506858. ISSN: 0077-8923.

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